

CLAIM AMENDMENTS

Claim 2 (currently amended) The improvement of Claim 1 wherein said means for transparent bi-directional translation of audio/video protocols into Internet standard protocols includes means for storing application contents of an incoming packet [in] into an cell phone application memory, means for comparing the incoming packet with a plurality of predetermined patterns stored in a content addressable memory to identify a matching pattern; means for processing the incoming packets simultaneously with said comparing means for determining whether or not the packet including all embedded layers of protocol, is valid; means operative upon a matching pattern being identified and the packet being determined valid for processing said packet in accordance with the identified pattern; and means operative upon failing to identify a matching pattern or upon determining the packet to be invalid for processing said packet in a software process.

Claim 5 (currently amended) The improvement of Claim 4 wherein said means for transparent bi-directional translation of audio/video protocols into Internet standard protocols includes means for storing application contents of an incoming packet [in] into [an] a gateway application memory; means for comparing the incoming packet with a plurality of predetermined patterns stored in a content addressable memory to identify a matching pattern; means for processing the incoming

packets simultaneously with said comparing means for determining whether or not the packet including all embedded layers of protocol, is valid; means operative upon a matching pattern being identified and the packet being determined valid for processing said packet in accordance with the identified pattern; and means operative upon failing to identify a matching pattern or upon determining the packet to be invalid for process said packet in a software process.